

(19) World Intellectual Property Organization International Bureau





(43) International Publication Date 12 September 2003 (12.09.2003)

PCT

(10) International Publication Number WO 03/075314 A1

(51) International Patent Classification7:

(21) International Application Number:

PCT/IB03/00711

H01J 65/04

(22) International Filing Date: 26 February 2003 (26.02.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 102 09 191.9

4 March 2002 (04.03.2002) DE

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- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ${\rm ES,\,FI,\,FR,\,GB,\,GR,\,HU,\,IE,\,IT,\,LU,\,MC,\,NL,\,PT,\,SE,\,SI,}$ SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

Title: DEVICE FOR GENERATING UV RADIATION

(57) Abstract: The invention relates to a device for generating ultraviolet radiation by means of an excimer discharge, which device is equipped with an at least partly UV-transparent discharge vessel whose discharge space is filled with a gas filling, with means for triggering and maintaining an excimer discharge in the discharge space, and with a coating that contains a phosphor comprising a host lattice and neodymium(III) as an activator. The invention also relates to the use of the device for photolytic processes.

INTERNATIONAL SEARCH REPORT

InternoI Application	n No
PCT/ 3/00	711

A. CLASSIF	ICATION OF	FSUBJECT	MATTER
A. CLASSIF	H01J6	5/04	

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 CO9K HO1J

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, IBM-TDB

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to daim No.
A,P	US 6 398 970 B1 (DIRSCHERL JUERGEN ET AL) 4 June 2002 (2002-06-04) cited in the application the whole document	1-3,5-9
A	EP 0 207 119 A (SECR DEFENCE BRIT) 7 January 1987 (1987-01-07) claims 1-10	1-3
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P,A	US 2002/195922 A1 (WIECHERT DETLEF UWE ET AL) 26 December 2002 (2002-12-26) the whole document	1-3

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Date of the actual completion of the international search	Date of malling of the international search report
21 May 2003	28/05/2003
Name and mailing address of the ISA	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Drouot-Onillon, M-C

Form PCT/ISA/210 (second sheet) (July 1992)

INTERNATIONAL SEARCH REPORT

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B 03/00711 **Publication** Publication Patent family Patent document member(s) date date cited in search report 02-11-2000 04-06-2002 DE 19919169 A1 US 6398970 **B1** 15-11-2000 CN 1273218 A 02-11-2000 EP 1048620 A1 JP 2001015078 A 19-01-2001 18-09-2001 SG 83205 A1 07-01-1987 AT 53400 T 15-06-1990 Α EP 0207119 12-07-1990 DE 3578080 D1 EP 07-01-1987 0207119 A1 WO 8603768 A1 03-07-1986 JP 62501169 T 07-05-1987 US 18-07-1989 4849639 A 10121095 A1 31-10-2002 19-12-2002 DE US 2002190645 **A1** 15-01-2003 CN 1391255 A 30-10-2002 EP 1253624 A2 17-01-2003 JP 2003017002 A 02-01-2003 10130330 A1 US 2002195922 A1 26-12-2002 DE 05-02-2003 CN 1395284 A EP 1271618 A2 02-01-2003

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